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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant: Henry M. Gallops, Jr.

Appl. No.: 09/648,887

Filed: August 25, 2000

Title: ARCHERY BOW WITH
BOW SPEED SPECIFIC
SIGHT PIN BLOCK

Grp./A.U. 3712

Examiner: Ricci, J.

Docket No.: BEA-246

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Commissioner of Patents and Trademarks
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Sir:

AMENDMENT

This Amendment is submitted in response to the January 27, 2003 Office Action.

A. Please amend claims 13, 15 and 19 to read as follows:

13. An archery bow of a known bow speed including sight pin openings in which sight pins are located, said sight pin openings are located at fixed distances with respect to each other and wherein the fixed distances of said sight pin openings are selected so that when a single sight pin in one of said openings is manually positioned to indicate its specific arrow flight range, each of the other sight pins in the other sight pin openings will be in position to indicate their specific arrow flight range when used in another bow of the same known bow.

E1 speed without such other sight pins having to be manually positioned to indicate their respective arrow flight range.

15. An archery bow of a known bow speed including a sight pin block having sight pin openings in which sight pins are located, said sight pin openings are located at fixed distances with respect to each other and wherein the fixed distances of said sight pin openings are selected so that when a single sight pin in one of said openings is manually positioned to indicate its specific arrow flight range, each of the other sight pins in the other sight pin openings will be in position to indicate their specific arrow flight range when used in another bow of the same known bow speed without such other sight pins having to be manually positioned to indicate their respective arrow flight range.

E2 19. A sight pin block for use in a bow of known speed having sight pin openings in which sight pins are located, said sight pin openings are located at fixed distances with respect to each other and wherein the fixed distances of said sight pin openings are selected so that when a single sight pin in one of said openings is manually positioned to indicate its specific arrow flight range, each of the other sight pins in the other sight pin openings will be in position to indicate their specific arrow flight range when used in another bow of the same known bow speed without such other sight pins having to be manually positioned to indicate their respective arrow flight range.

B. Please add the following claims 20 and 21:

20. A method for producing a bow speed specific sight pin block for use in an archery bow comprising the steps of:

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- a. determining the bow speed;
- b. firing the bow a first predetermined distance and determining a

first location on the pin block for a first opening in which a first sight pin will be located to indicate the first predetermined distance;

- c. providing a first opening in the first location of said pin block;
- d. firing the bow at least a second predetermined distance and determining at least a second location in the pin block for a least a second opening in which a second sight pin will be located to indicate the at least second predetermined distance; and
- e. providing at least a second opening in the at least second location of said pin block.

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21. A method for producing a bow speed specific sight pin block as recited in claim 20 and further including the step of transferring the sight pin block to a bow of the same known bow speed and whereby when placed in the bow of the same known bow speed only a single sight pin will have to be manually positioned to indicate its specific arrow flight range without any of the other sight pins having to be manually positioned to indicate their respective arrow flight range.

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Remarks

The claims have been amended to recite that as a result of the sight pins being selected to indicate their respective arrow flight range for a bow of known bow speed, the sight pins may be used in other bows of the same known bow speed with only one sight pin having to be manually positioned to indicate its specific arrow flight range. It is respectfully submitted that Slates, U.S.